

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A method ~~of inputting for entering~~ alphabet characters ~~on from~~ a keypad including a plurality of buttons, wherein each button has a plurality of lattice elements, the arrangement of the lattice elements on each button corresponds to the arrangement of buttons on the keypad, and a plurality of alphabet characters are classified into some alphabet groups and each group is assigned to a corresponding button, the method comprising the steps of:

~~(a) forming a lattice on the surface of each button on the keypad such that the lattice elements correspond to the buttons on the keypad, and defining a lattice element on each button, which corresponds to the position of the button on the keypad, as a base lattice element of the button;~~

~~(b) allocating characters or controls to lattice elements on each button on the keypad; and~~

~~(c) sensing the selection of a first button and a second buttons to be sequentially pressed; and inputting a selected character or a selected control, wherein it is recognized that the first button corresponding to the lattice element containing the character or control to be input is pressed, and it is recognized that a button designating a lattice element corresponding to the character or control to be input is pressed~~

(b) recognizing a target character allocated to a first lattice element of the first button on the basis of the positions of the first button and the second button.

2. (Currently Amended) The method of claim 1, wherein each ~~of the~~ buttons on the keypad is provided with a some lattice elements corresponding to some of the buttons of the keypad, ~~the lattice including a base lattice element.~~

3. (Currently Amended) The method of claim 1, wherein ~~in the step (b) characters having higher use frequency are allocated to each of the buttons on the keypad is provided with some~~ lattice elements for which it is more convenient to combine the first button and the second

button according to the OPBLE (Order of Proximity to Base Lattice Element) or COBC (Convenient Order of Button Combination).

4. (Currently Amended) The method of claim 2 1, wherein ~~for English, about 3 characters are sequentially assigned to each of [1] [9] buttons and arranged in a 3x1 lattice on the button, and the alphabet characters are to be input according to horizontal straight combination using an HSC (Horizontal Straight Combination).~~

5. (Currently Amended) The method of claim-4 1, wherein ~~the 3 characters sequentially assigned to each button are arranged in the positional relationship of the first lattice element with a base such that a character having higher use frequency is allocated to a lattice element for which it is more convenient to combine the buttons is the same as the positional relationship of the second button with the first button on the keypad.~~

6. (Currently Amended) The method of claim 2 5, wherein ~~for alphabets derived from the Roman alphabet, affixed characters and additional characters are assigned to each button, to which a basic character corresponding to them is assigned, and allocated to available lattice elements on the button a base character allocated to the base lattice element is distinguishable from the other characters.~~

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) A method of inputting entering alphabet characters having representative characters and succeeding characters to be input from on a keypad, wherein a plurality of alphabet characters are classified into some groups and each group includes a representative character, each group is assigned to a corresponding button, and one or more succession controls for inputting succeeding character(s) is assigned to a corresponding button, the method comprising the steps of:

(a) classifying a plurality of alphabet characters to be input into a predetermine number of groups, assigning the groups of characters to character input buttons, respectively, determining representative characters (basic characters) in the respective groups, inscribing the representative characters on the surfaces of the character input buttons, and determining the order of succeeding characters (affixed characters) in each group;

— (b) allocating one or more controls to control buttons; and

— (c) sensing the selection of a character input button and the repeated selection of a control button to input a selected character, wherein the selected character is selected from a group of characters assigned to the selected character input button depending on the number of repeated selection of the control button first button;

(b) determining whether selection of a second button where the succession control is assigned is sensed after the selection of the first button; and

(c) recognizing the representative character assigned to the first button if the selection of the second button is not sensed and recognizing a specific succeeding character associated with

representative character responsive to the selection of the second button if the selection of the second button is sensed.

19. (Currently Amended) The method of claim 18, wherein in the step (c), a corresponding alphabet character is recognized responsive to the number of repeated selection of the control second button is performed before the selection of the character input button.

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Currently Amended) In-a A method of selecting/inputting recognizing alphabet characters having consonants and vowels to be input on a keypad, wherein a first button includes

a consonant and a vowel, the method comprising: on buttons using simple repeated selection, a method of allocating representative consonants to base lattice element on the buttons, respectively, allocating basic vowels to lattice elements near to the base lattice elements, and performing affixed character control process (succeeding character control process) on the remaining consonants and vowels for languages such as Korean, Hindi and the Myanmar language in which consonants and vowels alternately come after each other

- (a) sensing the selection of the first button;
- (b) recognizing a basic consonant when a first selection of the first button is sensed; and
- (c) recognizing a basic vowel when a successive second selection of the first button is sensed.

32. (Cancelled)

33. (Cancelled)